



Bowman et al.
Attorney Docket No. BOEI-1-1199
TOOLING DATA STRUCTURE
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Serial No. 10/650,598
Sheet 1 of 8
"REPLACEMENT"
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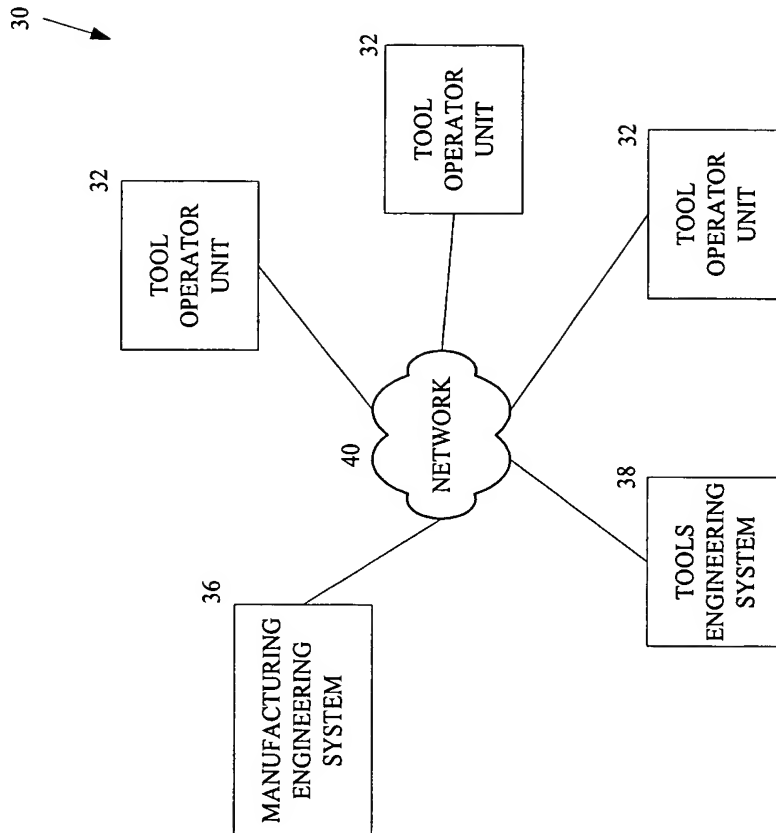


FIG.1.

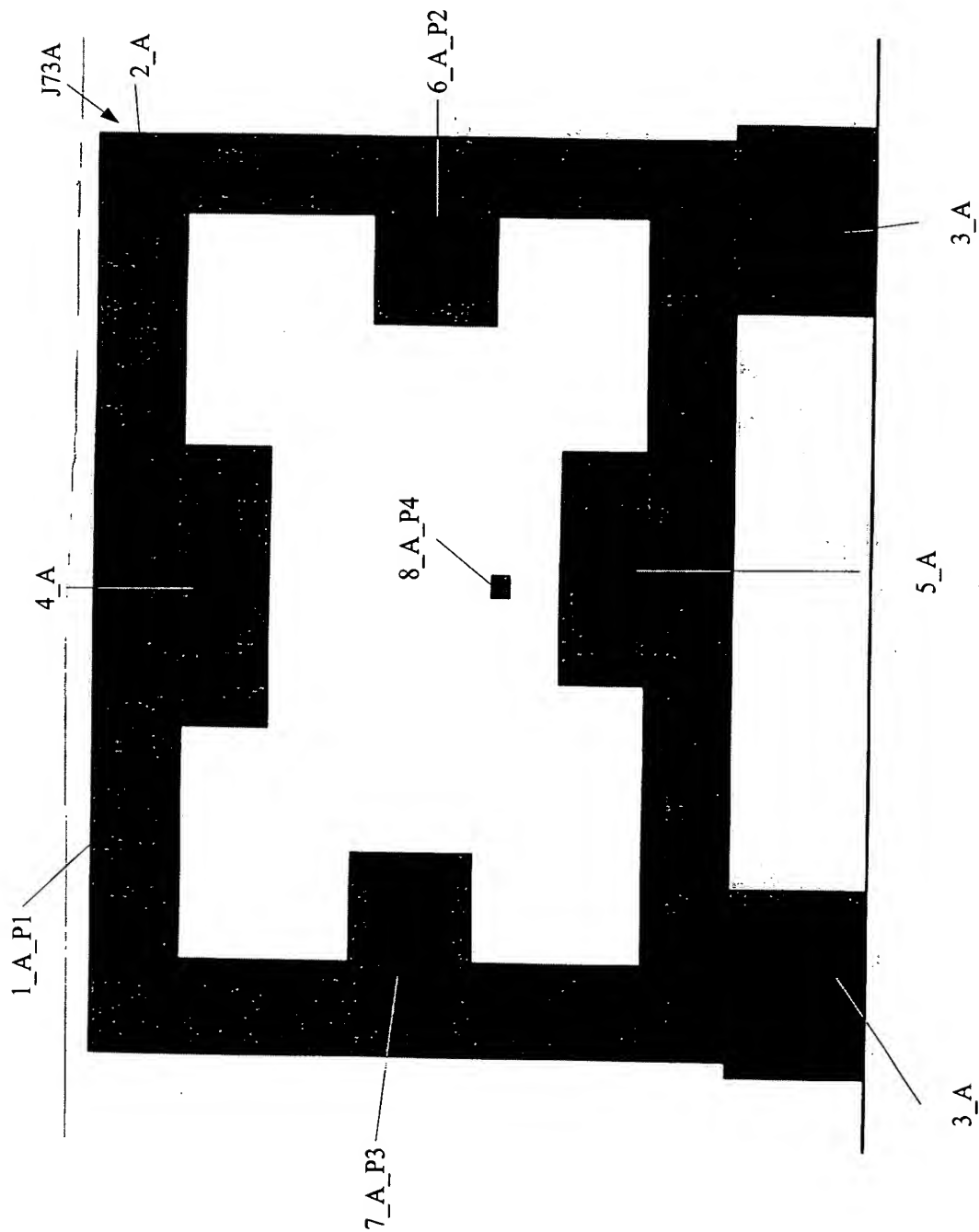


FIG. 2.

Plan IP 73456 to build up panel

Availability

OP 10 Retrieve Tool.  AJ73W12-1_Tool 1 → ∞

OP 20 Attach 73W12-1 panel to  AJ73W12-1_P1 Main Assy 1 → ∞
with  AJ73W12-1_P4 Pin

OP 30 Install  AJ73W12-1_P2 stiffener locator 1 → ∞

OP 40 Install  AJ73W12-1_P3 stiffener locator 1 → ∞

OP 50 Drill hole_sx, y, v, z with  AJ73W12-1_P1 drill feature 1 → ∞



OP 60 Locate 45FR23  AJ73W12-1_P2 stiffener locator 1 → ∞
and  AJ73W12-1_P3 stiffener locator

FIG. 3.

Plan **IP 73456 to build up panel**

100
↘

- OP 10 Retrieve Tool (Tool | AJ73W12-1_A)
- OP 20 Attach 73W12-1 panel to (P1 | AJ73W12-1_1_A)
 Main Assy (P4 | AJ73W12-1_8_A) pin
- OP 30 Install (P2 | AJ73W12-1_6_A) stiffener locator
- OP 40 Install (P3 | AJ73W12-1_7_A) stiffener locator
- OP 50 Drill hole_sx, y, v, z with (P1 | AJ73W12-1_5_A) drill feature
- OP 60 Locate 45FR23 to (P2 | AJ73W12-1_6_A) stiffener locator
 and (P3 | AJ73W12-1_7_A) stiffener locator

FIG. 4.

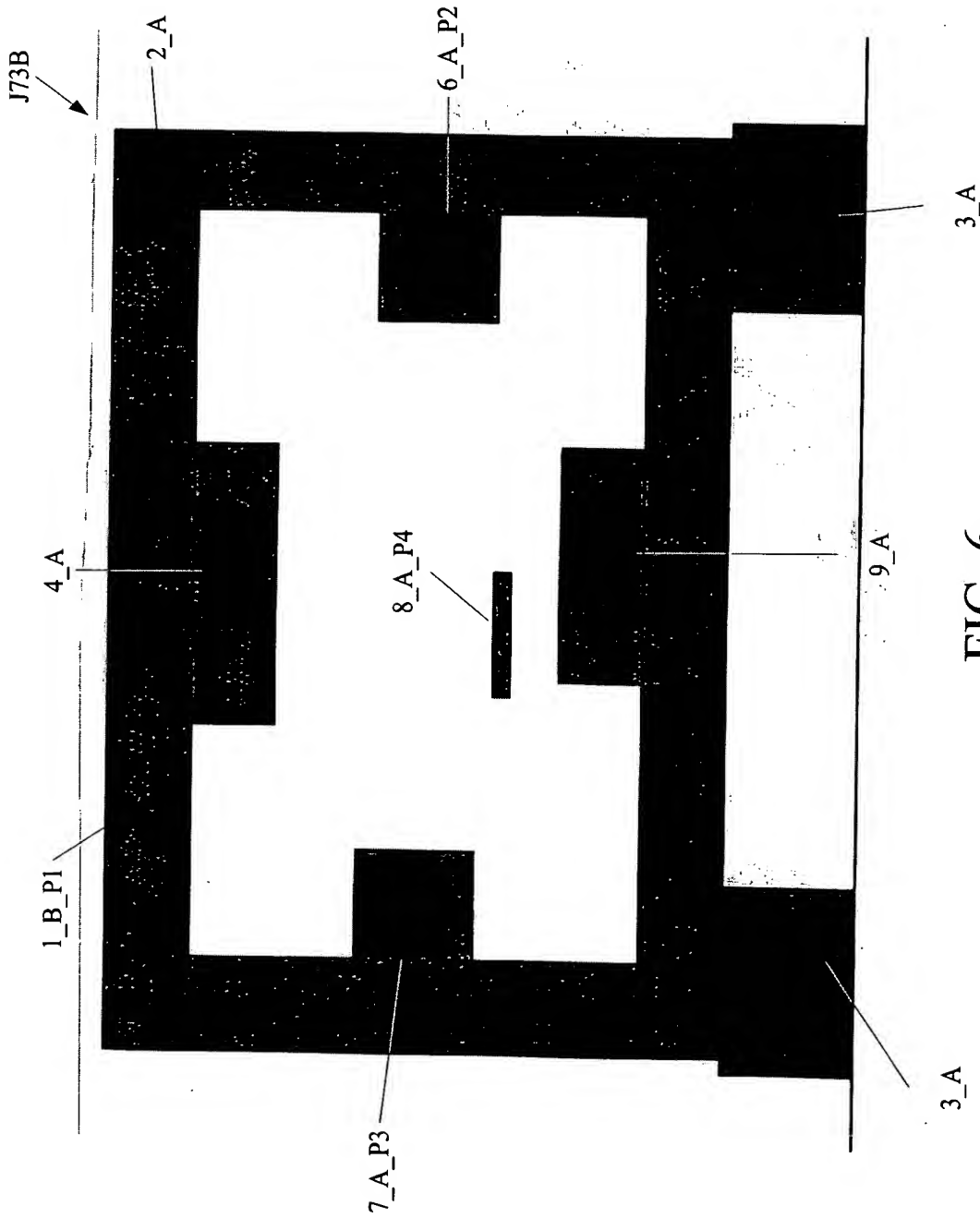


FIG. 6.

250

Plan **IP 73456 to build up panel**

- OP 10 Retrieve Tool (Tool | AJ73W12-1_B)
- OP 20 Attach 73W12-1 panel to (P1 | AJ73W12-1_1_B)
 Main Assy (P4 | AJ73W12-1_8_A) pin
- OP 30 Install (P2 | AJ73W12-1_6_A) stiffener locator
- OP 40 Install (P3 | AJ73W12-1_7_A) stiffener locator
- OP 50 Drill hole x, y, v, z with (P1 | AJ73W12-1_5_B) drill feature
- OP 60 Locate 45FR23 to (P2 | AJ73W12-1_6_A) stiffener locator
 and (P3 | AJ73W12-1_7_A) stiffener locator

FIG. 7.

